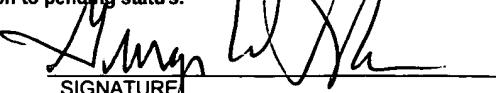


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 62940(70904)
INTERNATIONAL APPLICATION NO. PCT/JP03/07170	INTERNATIONAL FILING DATE 5 June 2003	U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/525901</b>
TITLE OF INVENTION      PATTERN FORMATION SUBSTRATE AND METHOD FOR PATTERN FORMATION		
APPLICANT(S) FOR DO/EO/US      Takaya Nakabayashi et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard</p>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																				
10/525901		62940(70904)																				
21. The following fees are submitted:																						
<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>a) Basic national fee .....</td> <td>\$300.00</td> <td>Applicant Use</td> <td>Office Use Only</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>b) Examination fee .....</td> <td>\$200.00</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>c) Search fee .....</td> <td>\$500.00</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td><b>\$1000.00</b></td> <td>\$ 500.00</td> <td></td> </tr> </table>			<input checked="" type="checkbox"/>	a) Basic national fee .....	\$300.00	Applicant Use	Office Use Only	<input checked="" type="checkbox"/>	b) Examination fee .....	\$200.00	\$ 300.00		<input checked="" type="checkbox"/>	c) Search fee .....	\$500.00	\$ 200.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>	\$ 500.00	
<input checked="" type="checkbox"/>	a) Basic national fee .....	\$300.00	Applicant Use	Office Use Only																		
<input checked="" type="checkbox"/>	b) Examination fee .....	\$200.00	\$ 300.00																			
<input checked="" type="checkbox"/>	c) Search fee .....	\$500.00	\$ 200.00																			
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$1000.00</b>	\$ 500.00																			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																						
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																			
47 - 100 =	/50 =		x \$250.00																			
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).			\$																			
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																			
Total claims	11 - 20 =	x	\$ 0.00																			
Independent claims	1 - 3 =	x	\$ 0.00																			
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 360.00	\$ 360.00																		
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$ 1,360.00																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.			\$																			
<b>SUBTOTAL =</b>			\$ 1,360.00																			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).			+ \$																			
<b>TOTAL NATIONAL FEE =</b>			\$ 1,360.00																			
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			+ \$ 40.00																			
<b>TOTAL FEES ENCLOSED =</b>			\$ 1,400.00																			
Amount to be refunded:			\$																			
Amount to be charged:			\$																			
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 04-1105 in the amount of \$ 1,400.00 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>																						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.																						
SEND ALL CORRESPONDENCE TO:																						
 George W. Neuner EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02205 (617) 439-4444 CUSTOMER NUMBER: 21874																						
SIGNATURE _____ George W. Neuner NAME _____ 26,964 REGISTRATION NUMBER _____																						

10/525901  
DT06 Rec'd PCT/PTO 25 FEB 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 62940(70904)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 492337954 US in an envelope addressed to:

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on February 24, 2005  
Date

  
\_\_\_\_\_  
Signature

Helen Murray Tarbi

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)  
English language translation of the International application  
Oath or declaration of the inventor(s)  
Information Disclosure Statement  
Assignment document for recording  
Transmittal Letter to the United States Designated-Elected Office (2 pages)  
Charge \$1,400.00 to deposit account 04-1105

10/525901

DTOS Rec'd PCT/PTO 25 FEB 2005

PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$ 1,400.00)

### Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Takaya Nakabayashi
Examiner Name	Not Yet Assigned
Art Unit	N/A
Attorney Docket No.	62940(70904)

### METHOD OF PAYMENT (check all that apply)

<input type="checkbox"/> Check	<input type="checkbox"/> Credit Card	<input type="checkbox"/> Money Order	<input type="checkbox"/> None	<input type="checkbox"/> Other (please identify): _____
<input checked="" type="checkbox"/> Deposit Account		Deposit Account Number: 04-1105		Deposit Account Name: Edwards & Angell, LLP
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)				
<input checked="" type="checkbox"/> Charge fee(s) indicated below		<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee		
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17		<input checked="" type="checkbox"/> Credit any overpayments		

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees Paid (\$)
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues)

<u>Fee (\$)</u>	<u>Small Entity Fee (\$)</u>
-----------------	------------------------------

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

<u>Total Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>
11	- 20 =	x	=	

<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
-----------------	----------------------

<u>Indep. Claims</u>	<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
1	- 3 =	x	=	

<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
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#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<u>Total Sheets</u>	<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
47	- 100 =	/50 (round up to a whole number) x	=	

<u>Fees Paid (\$)</u>
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#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00

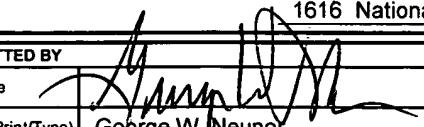
500.00

1632 National Stage search fee 200.00

1633 National Stage examination fee 40.00

8021 National Stage recording each patent assignment, ... 360.00

1616 National Stage claims - multiple dependent

SUBMITTED BY		Registration No. (Attorney/Agent)	Telephone	
Signature		26,964	(617) 439-4444	
Name (Print/Type)	George W. Neuner	Date	February 24, 2005	